# Fall 2007 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

#### Sacramento River Basin

NA0003	Overall LMA Rating	Total LMA Miles				
Butte County Public Works	A	24.74				
		27117			Encroad	chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Vegetation	0.01		0.01	0.04%		
Trim / Thin Trees	0.07		0.07	0.28%		
Encroachments					2.10	0.31
Erosion / Bank Caving	0.10		0.10	0.40%		
Crown Surface / Depressions / Rutting	0.39		0.39	1.58%		
LMA Totals:	0.57	0.00	0.57	2.30%	2.10	0.31
Unit No. 01 Mud Creek	Overall Unit Rating	Total Unit Miles				
	Α	7.29				
						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		CO Miles
Encroachments	0.00	0.00	0.00	0.000/	1.18	0.01
Unit Totals:	0.00	0.00	0.00	0.00%	1.18	0.01
Unit No. 02 Mud Creek	Overall Unit Rating	Total Unit Miles				
	Α	8.20				
Detect there	NA NAH	LLMiles	NA . ALL NAILES	Thursday 0/		chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Encroachments	0.07		0.07	0.85%	0.62	
Erosion / Bank Caving Crown Surface / Depressions / Rutting	0.07		0.07	4.76%		
Unit Totals:	0.39	0.00	0.39	5.61%	0.62	0.00
	0.40	0.00	0.40	3.0170	0.02	0.00
Unit No. 02A Channel Slough	Overall Unit Rating	Total Unit Miles				
	A	0.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
No Items	W Wilco	O WIIICO	W · 40 Willes	Till Colloid 70	1 0 1111100	00 1111100
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 03 Sycamore and Sheep Hollow Creeks	Overall Unit Rating	Total Unit Miles				
	Α	4.16				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Erosion / Bank Caving	0.03		0.03	0.72%		
Unit Totals:	0.03	0.00	0.03	0.72%	0.00	0.00
Unit No. 04 Sycamore and Dry Creeks	Overall Unit Rating	Total Unit Miles				
	Α	2.94				h
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Trim / Thin Trees	0.07	O Milioo	0.07	2.38%	. O Willos	20 1711103
Encroachments					0.30	0.30
Unit Totals:	0.07	0.00	0.07	2.38%	0.30	0.30
		l	l	1	1	

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# Fall 2007 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

### Sacramento River Basin (cont.)

Unit No. 05 Big Chico Diversion	Overall Unit Rating	Total Unit Miles				
	A	1.85				
					Encroad	chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Vegetation	0.01		0.01	0.54%		
Unit Totals:	0.01	0.00	0.01	0.54%	0.00	0.00

Tuesday, March 03, 2009 16:06 Page 2 of 2

# **LMA District Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)		
* Overall LMA Rating (Fall Only)			Α			
	** Non-receipt of Su	mmer or Winter Inspe	ection Reports may effec	ct overall annual rating.		
* SPRING INSPECTIONS: Overall maintenance deficiencies are rated		nined for the spring ins		ual maintenance		
<u>FALL INSPECTIONS:</u> The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.						
Comments						

# **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Waterwa	ıy		Bank	Unit Miles
	Unit No. 01 Mu	d Creek		Right	7.29
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter per - February)
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					
Unit Maintenance Rating (Fall Only)			A		
Check one:					
During the current winter (or s project components identified conditions other than the resu deficiencies identified in the e	in the attached Levee Ir ults of our normal mainte enclosed report.  Summer) inspection period in the attached Levee Ir ons we have made to ma ject conditions.  Wor on additional sheet(	nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in the correction of t	. We have found no channs we have made to main pected the levee and assorting addition to the results dentified in the report, we addition by: Start to End Le	ges in flootenance ociated floof our not have four	ood project  ood  rmal  nd the  or GPS
Comments					
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30	ntative an	nd returned to

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## Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Mud Creek	Right	7.29		Not Assigned

LMR	Levee	Mile	0-1	14	Rating *** Location *	A-tion/Organisate	GPS Latitud	le/Longitude	P	Issue
Line	Start	End	Category	Item	Rating ** -ocation *	Action/Comment	Start	End	oto	ue
1	1.97	2.03	Earthen Levee	Encroachments	LS PO	Landscaping	0	0		1
2	2.12	2.13	Earthen Levee	Encroachments	LS CO	Fences	0	0		2
3	2.16	2.30	Earthen Levee	Encroachments	LS PO	Fences	0	0		3
4	5.44	5.70	Earthen Levee	Encroachments	LS PO	Fences	0	0		4
5	5.90	6.62	Earthen Levee	Encroachments	LS PO	Fences	0	0		5

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

# **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Waterwa	ay		Bank	Unit Miles
	Unit No. 02 Mu	d Creek		Left	8.20
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter per - February)
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					
Unit Maintenance Rating (Fall Only)			A		
Check one:					
During the current winter (or sproject components identified conditions other than the resudeficiencies identified in the end deficiencies identified maintenance and the correction following changes in flood produces in flood produc	in the attached Levee Ir ults of our normal mainte enclosed report.  summer) inspection peric in the attached Levee Ir ons we have made to ma eject conditions.  w or on additional sheet(	nspection Report by Mile enance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in (s), identify change of correction Report by Mile (s), identify change of corrections in (s).	. We have found no channs we have made to main pected the levee and associated in the results dentified in the report, we andition by: Start to End Le	eges in floot tenance ociated floot of our not have four	ood project  ood  rmal  nd the  or GPS
Comments					
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30	entative an	nd returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Mud Creek	Left	8.20		Not Assigned

LMR	Levee	Mile	0-1	16	Loca	Rating	Ashan I O amarant	GPS Latitud	le/Longitude	P	Issue
Line	Start	End	Category	Item	Location *	ting	Action/Comment	Start	End	oto	sue
1	1.21	1.24	Earthen Levee	Erosion / Bank Caving	LS	М	Note and monitor erosion site.	0	0		1
2	1.57	1.88	Earthen Levee	Encroachments	LS	РО	Fences	0	0		2
3	1.57	1.88	Earthen Levee	Encroachments	LS	РО	Landscaping	0	0		3
4	3.32	3.33	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.	0	0		4
5	3.63	3.67	Earthen Levee	Erosion / Bank Caving	LS	М	Note and monitor erosion site.	0	0		5
6	3.90	4.29	Earthen Levee	Crown Surface / Depressions / Rutting	CR	М	Add appropriate gravel or road base. Grade and compact.	0	0		6
7	4.67	4.68	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.	0	0		7
8	5.36	5.37	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.	0	0		8

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

# **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Waterwa	ıy		Bank	Unit Miles
	Unit No. 02A Char	nnel Slough		Left	0.30
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter ber - February)
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					
Unit Maintenance Rating (Fall Only)			A		
Check one:					
During the current winter (or sproject components identified conditions other than the rest deficiencies identified in the example.  During the current winter (or sproject components identified maintenance and the correctifollowing changes in flood proceed (In the comment section below coordinates, location (Land S	I in the attached Levee Ir ults of our normal mainte enclosed report.  summer) inspection perior in the attached Levee Ir ons we have made to maject conditions.  w or on additional sheet(	nance and the correction and, my staff or I have inspection Report by Mile aintenance deficiencies in the staff of the staff of the staff or I have inspection Report by Mile aintenance deficiencies in the staff of	. We have found no changes we have made to maint bected the levee and assort in addition to the results dentified in the report, we addition by: Start to End Le	ges in floor tenance ociated floor of our no have four	ood project  ood  rmal  nd the  or GPS
Comments					
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30	ntative an	nd returned to

X

Signature of LMA Representative

### Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02A Channel Slough	Left	0.30		Not Assigned

E S	: Levee Mil	-	Item *at * Action/Comment			GPS Latitude/Lo		
Line	Otal Lin	Category	item	tion ***	Action/Comment	Start	End	hoto
	1					0	0	

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

# **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Bank	Unit Miles									
Unit No	Right	4.16									
		Vinter per - February)									
Date of Inspection											
DWR Inspector Not Assigned											
Accompanied By											
Unit Maintenance Rating (Fall Only)			A								
Check one:											
<ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.</li> <li>(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).</li> </ul>											
Comments											
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	I. This Unit Cover Sheet September 30 (Summe information to : DW 331	should be signed and d	ated by the LMA Represe 11 (Winter Inspection). Ple ection Reports born LL-30	ntative an	d returned to						

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.16		Not Assigned

LMR			Itom *		Rating	A ation/Ocasional	GPS Latitude/Longitude Start End			Issue	
Line	Start	End	Category Item		* ation	ing *	Action/Comment	Start	End	oto	ue
1	0.04	0.05	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	0	0		1
2	0.04	0.05	Earthen Levee	Erosion / Bank Caving	LS	М	Note and monitor erosion site.	0	0		2
3	0.69	0.69	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	0	0		3

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

# **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Bank	Unit Miles										
L	Right	2.94										
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)							
Date of Inspection												
DWR Inspector			Not Assigned									
Accompanied By												
Unit Maintenance Rating (Fall Only)			A									
Check one:												
<ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.</li> <li>(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).</li> </ul>												
Comments												
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.												

X

Signature of LMA Representative

# Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94		Not Assigned

LMR	Levee	Mile	0.1		Loca	Rating Action/Comment		GPS Latitud	le/Longitude	Ph	Issue
Line	Start	End	Category	Item	Location *	ting	Action/Comment	Start	End	oto	ile
1	0.06	0.10	Earthen Levee	Encroachments	LS I	РО	Fences	0	0		1
2	0.09	0.16	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	0	0		2
3	0.10	0.12	Earthen Levee	Encroachments	LS (	СО	Fences	0	0		3
4	0.12	0.16	Earthen Levee	Encroachments	LS I	РО	Fences	0	0		4
5	0.98	1.04	Earthen Levee	Encroachments	LS	CO	Fences	0	0		5
6	1.04	1.15	Earthen Levee	Encroachments	LS I	РО	Fences	0	0		6
7	1.15	1.25	Earthen Levee	Encroachments	LS	CO	Fences	0	0		7
8	1.92	2.01	Earthen Levee	Encroachments	LS	CO	Fences	0	0		8
9	2.05	2.16	Earthen Levee	Encroachments	LS I	PO	Fences	0	0		9
10	2.41	2.44	Earthen Levee	Encroachments	LS	СО	Fences	0	0		10

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

## **Unit Cover Sheet**

### Fall 2007 Levee Inspection Results

# **Butte County Public Works**

	Bank	Unit Miles								
	Left	1.85								
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter per - February)					
Date of Inspection										
DWR Inspector			Not Assigned							
Accompanied By										
Unit Maintenance Rating (Fall Only)			Α							
Check one:										
<ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.</li> <li>(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).</li> </ul>										
Comments										
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet  y September 30 (Summe s information to : DW  331	should be signed and d	ated by the LMA Represe 11 (Winter Inspection). Ple ection Reports bom LL-30	ntative an	d returned to					

X

Signature of LMA Representative

### Levee Inspection Report By Mile - Fall 2007

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85		Not Assigned

E Levee Mile	Catagory	Item	Loca	Rati	Action/Comment	GPS Latitude	e/Longitude	/Longitude	
Start End	Category	цеш	*ation	ing	Action/Comment	Start	End	ð	üe
1 0.87 0.87 E	Earthen	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	0		0	1
L	_evee	-				0		0	

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable